



PUBLIC INFORMATION MEETING

**Wilson Public Library, 910 Meridian Ave., Cozad, NE
4:00-6:00 PM; Tues., Oct. 2, 2012**

Project BH-21-2 (110) COZAD SOUTH BRIDGE Control Number 61501

LOCATION: This proposed project is located on Nebraska Highway 21 (N-21) approximately seven miles south of Interstate 80 (I-80) at the Tri-County Canal Bridge (Structure 021 00579), mile marker (MM) 5+79. Construction would be entirely in Dawson County, Nebraska.

PURPOSE AND NEED: This proposed bridge rehabilitation is to preserve the N-21 transportation asset, improve the reliability of the transportation system, and perpetuate the mobility of the traveling public. This structure was originally constructed in 1964 and bridge curbs added in 1994. The deck evaluation is rated as a "3" (with "0" being failed and "9" as excellent), which corresponds to a "serious condition" rating of both the deck and structure. The "Pin and Hanger" construction of the superstructure is no longer an acceptable design and the pilings demonstrate serious rusting.

SCOPE OF WORK: The 3R (Resurfacing, Restoration, and Rehabilitation) project would rehabilitate the bridge structure at the Tri-County Canal. The bridge improvements would consist of replacing the existing deck and part of the superstructure, widening the deck to a 30-foot clear roadway width, constructing new abutments, and construction of new approach slabs. Pavement work would include the adjacent roadway segments to accommodate the new bridge deck and guardrail replacement.

TRAFFIC COUNT:

Nebraska Highway 21 (N-21)

Year	2014	2024
Vehicles Per Day	1010	1190
% Trucks	14%	14%

The existing bridge structure consists of two 12-foot wide driving lanes and two one-foot wide shoulders; this width is insufficient to safely allow for phased removal and construction under traffic (building half at a time in order to avoid detouring).

ESTIMATED CONSTRUCTION SCHEDULE: This project could begin construction as early as spring of 2014 and open for traffic as early as late fall of the same year.

PROPOSED ACCOMMODATION OF TRAFFIC: Construction would require detouring N-21 traffic on U.S. Highway 283 (US-283), Nebraska Highway 23 (N-23), and Nebraska Highway 47 (N-47).

RIGHT-OF-WAY: It is anticipated that new right-of-way (ROW) would not be required; however, temporary and permanent easements (TE & PE) would be necessary for construction and contractor access.

POTENTIAL IMPACTS: There would be temporary minor wetland impacts resulting from construction activities. Wetland mitigation is not anticipated.

ESTIMATED COST: The estimated cost is approximately \$1.65 million in current dollars.